

ROBUST SUMMARY
ALKYL SULFIDE CATEGORY
CAS # 67124-09-8
HEALTH ELEMENTS: ACUTE TOXICITY

<u>Test Substance</u>	
CAS #	CAS# 67124-09-8
Chemical Name	2-propanol, 1-(tert-dodecylthio)-
Remarks	100% purity This chemical is also referred to as propanol/dodecylthio derivative in the HERTG's Test Plan for Alkyl Sulfide Category. For more information on the chemical, see Section 2.0 "Chemical Description of Alkyl Sulfide Category" in HERTG's Test Plan for Alkyl Sulfide Category.
<u>Method</u>	
Method/Guideline followed	Consistent with guidelines outline in OECD 401
Test Type	Acute oral toxicity
GLP (Y/N)	Y
Year (Study Performed)	1982
Species/Strain	Albino rats of the outbred Sprague-Dawley strain
Sex	Male and female
No. of animals/sex/dose	5
Vehicle	Mineral oil-based material dosed undiluted
Route of administration	Oral gavage with a syringe and dosing needle. The animals were fasted overnight before dosing.
Remarks field for test conditions	The sample was administered as supplied at a limit dose of 5.0 mg/kg. Following administration, the animals were allowed food and water for the 14-day observation period. The animals were observed frequently on the day of dosing and twice per day thereafter. Individual weights were recorded on the day of dosage, weekly thereafter and prior to sacrifice. The animals were euthanized by carbon dioxide at the conclusion of the observation period. Gross autopsies were performed on all animals that died during the observation period and on all survivors after 14 days.
<u>Results</u>	
Remarks	LD50 > 5.0 gm/kg The animals were ruffled after 3 hours. They appeared oily and dirty after 24 hours. One death occurred within 48 hours and the remaining animals exhibited a discharge around the eyes and nose. The remaining animals appeared to be recovered by 72 hours. They continued to appear normal throughout the remainder of the observation period. Gross pathological examination reveals no remarkable findings.

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<u>Conclusions</u>	LD50 > 5.0 gm/kg (males and females)
<u>Data Quality</u>	Reliable without restriction (Klimisch Code)
<u>References</u>	This robust summary was prepared from an unpublished study by an individual member company of the HERTG (the underlying study contains confidential business information).
<u>Other</u>	Updated: 12-27-99